

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Currently Amended) A method of communications between a first device
2 and a Universal Serial Bus (USB) peripheral device over a network, comprising:
3 receiving, by a system, a message from the first device to establish a
4 communications session with the USB peripheral device, the message being according to
5 a first telephony protocol defining real-time interactive sessions;
6 establishing a communications session between the first device and the
7 system over the network; and
8 converting, in the system, between data according to the first telephony
9 protocol and data according to a second protocol that defines a USB peripheral link from
10 the system to the USB peripheral device.

1 2. (Previously Presented) A method of communications between a first
2 device and a peripheral device over a network, comprising:
3 receiving, by a system, a message from the first device to establish a
4 communications session with the peripheral device, the message being according to a
5 first protocol defining real-time interactive sessions;
6 establishing a communications session between the first device and the
7 system over the network; and
8 converting, in the system, between data according to the first protocol and
9 data according to a second protocol that defines a peripheral link from the system to the
10 peripheral device,
11 wherein receiving the message includes receiving a Session Initiation
12 Protocol message, and
13 wherein the peripheral link is selected from the group consisting of a
14 Universal Serial Bus port, a parallel port, a serial port, a Small Computer Systems
15 Interface port, and a Personal Computer Memory Card International Association port.

1 3. (Original) The method of claim 1, wherein establishing the
2 communications session includes establishing one of a Session Initiation Protocol session
3 and an H.323 session.

1 4. (Original) The method of claim 2, wherein converting the data includes
2 converting between a Session Initiation Protocol format and a Universal Serial Bus
3 format.

1 5. (Cancelled)

1 6. (Previously Presented) The method of claim 1, wherein establishing the
2 communications session includes establishing a streaming call session.

1 7. (Original) The method of claim 6, wherein establishing the streaming call
2 session includes establishing a Session Initiation Protocol session.

1 8. (Previously Presented) The method of claim 1, further comprising sending
2 one or more commands to the USB peripheral device to control operation of the USB
3 peripheral device.

1 9. (Previously Presented) The method of claim 1, further comprising sending
2 status information of the USB peripheral device to the first device.

1 10. (Previously Presented) The method of claim 1, further comprising
2 establishing a real-time call session between the first device and the USB peripheral
3 device.

1 11. (Previously Presented) The method of claim 1, wherein establishing the
2 communications session includes establishing a conferencing session among the first
3 device, the USB peripheral device, and another device.

1 12. (Original) The method of claim 11, wherein establishing a conferencing
2 session includes establishing a multicast session.

1 13. (Previously Presented) A method of communications between a first
2 device and a peripheral device over a network, comprising:
3 receiving, by a system, a message from the first device to establish a
4 communications session with the peripheral device, the message being according to a
5 first protocol defining real-time interactive sessions;
6 establishing a communications session between the first device and the
7 system over the network;
8 converting, in the system, between data according to the first protocol and
9 data according to a second protocol that defines a peripheral link from the system to the
10 peripheral device;
11 receiving another message to establish a second communications session
12 while the first communication session is active; and
13 performing one of sending a busy indication and over-riding the first
14 communications session.

1 14. (Original) The method of claim 1, further comprising:
2 establishing a communications session between the first device and a
3 second system; and
4 converting, in the second system, between data according to the first
5 protocol and data according to the second protocol.

1 15. (Cancelled)

1 16. (Previously Presented) A system comprising:
2 a first interface capable of communicating with a packet-based network
3 according to a first protocol that defines real-time interactive communications sessions
4 received over the packet-based network;
5 a second interface capable of communicating with a peripheral device
6 according to a second protocol; and
7 a controller to convert a message according to the first protocol to data
8 according to the second protocol for communicating to the peripheral device,
9 wherein the peripheral device includes a Universal Serial Bus device.

1 17. (Original) The system of claim 16, wherein the first protocol includes one
2 of a Session Initiation Protocol and an H.323 Recommendation.

1 18. (Previously Presented) A system comprising:
2 a first interface capable of communicating with a packet-based network
3 according to a first protocol that defines real-time interactive communications sessions
4 received over the packet-based network;
5 a second interface capable of communicating with a peripheral device
6 according to a second protocol;
7 a controller to convert a message according to the first protocol to data
8 according to the second protocol for communicating to the peripheral device; and
9 a Session Initiation Protocol stack to process Session Initiation Protocol
10 messages,
11 wherein the second interface is selected from the group consisting of a
12 Universal Serial Bus port, a parallel port, a serial port, a Small Computer Systems
13 Interface port, and a Personal Computer Memory Card International Association port.

1 19. (Previously Presented) The system of claim 16, wherein the second
2 interface includes a Universal Serial Bus interface.

1 20. (Original) The system of claim 19, further comprising a Universal Serial
2 Bus client to manage communications with the peripheral device.

1 21. (Original) The system of claim 20, further comprising an interface
2 between the controller and the Universal Serial Bus client, the interface including one or
3 more application programming interfaces.

1 22. (Original) The system of claim 21, wherein plural application
2 programming interfaces are assigned different uniform resource locators.

1 23. (Previously Presented) The system of claim 18, wherein the second
2 interface is adapted to receive an indication of a status change of the peripheral device,
3 the controller adapted to send one or more messages to a remote device over the packet-
4 based network concerning the status change.

1 24. (Previously Presented) The system of claim 18, wherein the data
2 communicated to the peripheral device includes a command to control operation of the
3 peripheral device.

1 25. (Previously Presented) The system of claim 18, wherein the controller is
2 adapted to establish a real-time interactive call session with a remote device coupled to
3 the packet-based network and the peripheral device.

1 26. (Cancelled)

1 27. (Previously Presented) A method of accessing a non-telephony device
2 coupled to a system over a link defined according to a first protocol, comprising:
3 receiving, by the system, a message from a telephony device, the message
4 defined according to a telephony protocol; and
5 converting the telephony protocol message into data according to the first
6 protocol for communication over the link to the non-telephony device,

7 wherein the telephony protocol includes a Session Initiation Protocol.

1 28. (Original) The method of claim 27, wherein the first protocol includes a
2 Universal Serial Bus protocol.

1 29. (Previously Presented) A method of accessing a non-telephony device
2 coupled to a system over a link defined according to a first protocol, comprising:
3 receiving, by the system, a message from a telephony device, the message
4 defined according to a telephony protocol; and
5 converting the telephony protocol message into data according to the first
6 protocol for communication over the link to the non-telephony device,
7 wherein the first protocol includes a Universal Serial Bus protocol.

1 30. (Previously Presented) The method of claim 29, wherein receiving the
2 message includes receiving a Session Initiation Protocol Invite request.

1 31. (Previously Presented) The method of claim 27, further comprising
2 sending, in response to the received message, one or more commands to the non-
3 telephony device to perform one or more predetermined actions by the non-telephony
4 device.

1 32. (Previously Presented) An article including one or more machine-readable
2 storage media containing instructions for controlling a system coupled to a packet-based
3 network and a peripheral link, the instructions when executed causing the system to:
4 communicate a message over the packet-based network, the message
5 defined according to a Session Initiation Protocol;
6 convert between the message and data according to a second protocol
7 defining communications over the peripheral link; and
8 communicate the data over the peripheral link, the peripheral link selected
9 from the group consisting of a Universal Serial Bus port, a parallel port, a serial port, a

10 Small Computer Systems Interface port, and a Personal Computer Memory Card
11 International Association port.

1 33. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to communicate a command to
3 control operation of a peripheral device coupled to the peripheral link.

1 34. (Previously Presented) The article of claim 32, wherein the messages
2 according to the Session Initiation Protocol and the data according to the second protocol
3 are part of a voice-based call session.

1 35. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to receive data from the
3 peripheral link indicative of a status change of a peripheral device coupled to the
4 peripheral link.

1 36. (Previously Presented) The article of claim 32, wherein the second
2 protocol includes a Universal Serial Bus protocol.

1 37. (Currently Amended) A data signal embodied in a carrier wave
2 comprising one or more code segments containing instructions for controlling a system
3 coupled to a packet-based network and a peripheral link, the instructions when executed
4 causing the system to:

5 receive a message from a first device to establish a communications
6 session with a Universal Serial Bus (USB) peripheral device, the message being defined
7 by a first telephony protocol defining real-time interactive sessions;

8 establish a communications session between the first device and the
9 system over the network; and

10 convert between data according to the first telephony protocol and data
11 according to a USB protocol defining a peripheral link from the system to the USB
12 peripheral device.

1 38. (Cancelled)

1 39. (Cancelled)

1 40. (Cancelled)

1 41. (Previously Presented) The data signal of claim 37, wherein receiving the
2 message comprises receiving a Session Initiation Protocol message.